

ABSTRACT

A generator-motor (100) includes an alternator (50), electrode plates (81, 82A to 82C, 83), a substrate (84), MOS transistors (~~Tr1 to Tr6~~), and an MOS driver (27). Electrode plates (81, 82A to 82C, 83) are arranged on an end surface of the alternator (50) so as to substantially form a U-shape to surround a rotation shaft (~~50A~~) of the alternator (50). MOS transistors (~~Tr1, Tr3, Tr5~~) are arranged on the electrode plate (81), while MOS transistors (~~Tr2, Tr4, Tr6~~) are arranged on the electrode plates (82A, 82B, 82C) respectively. The MOS driver (~~27~~) is provided on the substrate (84) arranged in a substantially U-shaped notch, and controls turn-on/off of the MOS transistors (~~Tr1 to Tr6~~).